

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<p><b>Complete If Known</b></p>	
Sheet	1	of	1	Application Number	10/664,023
				Filing Date	September 15, 2003
				First Named Inventor	Tinku Acharya
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	42P15466X

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Gregory Madden/	Date Considered	03/15/2007
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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/664023
		Filing Date	September 15, 2003
		First Named Inventor	Tinku Acharya
		Art Unit	
		Examiner Name	
		Attorney Docket Number	42P17531X
Sheet	1	of	9

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/GM	1	US-5,875,122	02-23-1999	Acharya	
	2	US-5,995,210	11-30-1999	Acharya	
	3	US-6,009,201	12-28-1999	Acharya	
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Substitute for Form 1249 APTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			
Sheet	2	of	9
		Application Number	10/664,023
		Filing Date	9/15/2003
		First Named Inventor	Tinku Acharya
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
		Attorney Docket Number	42P15466X

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 9

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>3</sup> (if known)			
/GM	21	US-6,236,433 B1	05-22-2001	Acharya et al.	
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				Filing Date	9/15/2003
				First Named Inventor	Tinku Acharya
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet	3	of	9	Attorney Docket Number	42P15466 X

OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.**	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/GM/	39	TINKU ACHARYA, "A Memory Based VLSI Architecture for Image Compression," Filed 6/30/1997, Application No.: 08/885,415, pp. 1-36, Atty. Docket No.: 042390.P4425.			T*
	40	BAWOLEK ET AL., "Infrared Correction System," Filed 7/30/1998, Application No.: 09/126,203, pp. 1-23, Atty. Docket No.: INTL-0072-US (P6172).			
	41	PAZMINO ET AL., "Method of Compressing and/or Decompressing a Data Set Using Significance Mapping," Filed 9/11/1998, Application No.: 09/151,336, pp. 1-26, Atty. Docket No.: 042390.P6391.			
	42	TAN ET AL., "Robust Sequential Approach in Detecting Defective Pixels within an Image Sensor," Filed 11/13/1998, Application No.: 09/191,310, pp. 1-35, Atty. Docket No.: 042390.P6575.			
	43	ACHARYA ET AL., "Color Interpolation for a Four Color Mosaic Pattern," Filed 11/24/1998; Application No.: 09/199,836, pp. 1-26, Atty. Docket No.: 042390.P6376			
	44	TAN ET AL., "Using an Electronic Camera to Build a File Containing Text," Filed 4/29/1999, Application No.: 09/301,753, pp. 1-21, Atty. Docket No. 042390.P5742.			
	45	TSAI ET AL., "Method and Apparatus for Adaptively Sharpening an Image," Filed 5/26/1999, Application No.: 09/320,192, pp. 1-29, Atty. Docket No.: 042390.P6452.			
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	47	TAN ET AL., "A Hardware Efficient Wavelet-Based Video Compression Scheme," Filed 6/29/1999, Application No.: 09,342,863, pp. 1-32, Atty. Docket No.: 042390.P6529.			
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

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of

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### Complete If Known

Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466 x

### OTHER ART - NON PATENT LITERATURE DOCUMENTS

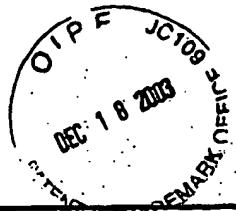
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/GM/	53	TINKU ACHARYA, "Video Motion Estimation," Filed 9/27/1999, Application No.: 09/406,032, pp. 1-24, Atty. Docket No.: INTL-0260-US (P7330).
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	55	ACHARYA ET AL., "Method of Compressing a Color Image," Filed 10/01/1999, Application No.: 09/411,697, pp. 1-26, Atty. Docket No.: 042390.P7463.
	56	ACHARYA ET AL., "Square Root Raised Cosine Symmetric Filter for Mobile Telecommunications," Filed 10/29/1999, Application No.: 09/429,058, pp. 1-26, Atty. Docket No.: INTL-0280-US (P7629).
	57	TINKU ACHARYA, "Discrete Filter," Filed 1/02/1999, Application No.: 09/432,337, pp. 1-16, Atty. Docket No.: INTL-0277-US (P7626).
	58	ACHARYA ET AL., "Indexing Wavelet Compressed Video for Efficient Data Handling," Filed 11/10/1999, Application No.: 09/438,091, pp. 1-29, Atty. Docket No.: INTL-0261-US (P6454).
	59	TINKU ACHARYA, "Method of Upscaling a Color Image," Filed 12/14/1999, Application No.: 09/461,080, pp. 1-22, Atty. Docket No.: 042390.P7489.
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	62	MIAO ET AL., "Dual Mode Filter for Mobile Telecommunications," Filed 11/18/1999, Application No.: 09/467,611, pp. 1-31, Atty. Docket No.: INTL-0324-US (P8027).
	63	METZ ET AL., "Image Processing Architecture," Filed 12/28/1999, Application No.: 09/473,643, pp. 1-16, Atty. Docket No.: INTL-0322-US (P8050).
	64	TINKU ACHARYA, "A Block-Matching Algorithm for Color Interpolation," Filed 1/28/2000, Application No.: 09/494,087, pp. 1-45, Atty. Docket No.: 042390.P5090D.
▼	65	ACHARYA ET AL., "Method of Inverse Quantizing Quantized Signal Samples of an Image During Image Decompression," Filed 2/18/2000, Application No.: 09/507,213, pp. 1-32, Atty. Docket No.: 042390.P8350.

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE				Application Number	
STATEMENT BY APPLICANT				107664,023	
Sheet 5 of 9		Filing Date		9/15/2003	
		First Named Inventor		Tinku Acharya	
		Art Unit		Not Assigned	
		Examiner Name		Not Assigned	
		Attorney Docket Number		42P15466X	

OTHER ART - NON PATENT LITERATURE DOCUMENTS					
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/GM/	66	ACHARYA ET AL., "Method of Quantizing Signal Samples of an Image During Image Compression," Filed 2/18/2000, Application No.: 09/507,399, pp. 1-24, Atty. Docket No.: 042390.P7135.			
	67	ACHARYA ET AL., "Method of Integrating a Watermark into an Image," Filed 3/06/2000, Application No.: 09/519,874, pp. 1-27, Atty. Docket No.: 042390.P7136.			
	68	ACHARYA ET AL., "Method of Using Hue to Interpolate Color Pixel Signals," Filed 6/12/2000, Application No.: 09/591,867, pp. 1-23, Atty. Docket No.: 042390.P8746.			
	69	KIM ET AL., "Method of Performing Motion Estimation," Filed 6/16/2000, Application No.: 09/596,127, pp. 1-28, Atty. Docket No.: 042390.P8747.			
	70	DUNTON ET AL., "Dual Mode Digital Camera for Video and Still Operation," Filed 6/16/2000, Application No.: 09/595,055, pp. 1-30, Atty. Docket No.: 042390.P5079C.			
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	72	ACHARYA ET AL., "Method of Video Coding the Movement of a Human Face from a Sequence of Images," Filed 6/30/2000, Application No.: 09/608,989, pp. 1-25, Atty. Docket No.: 042390.P8762.			
	73	ACHARYA ET AL., "Method of Video Coding Shoulder Movement from a Sequence of Images," Filed 6/30/2000, Application No.: 09/607,724, pp. 1-24, Atty. Docket No.: 042390.P8763.			
	74	ACHARYA ET AL., "Model-Based Video Image Coding," Filed 6/30/2000, Application No.: 09/608,991, pp. 1-36, Atty. Docket No.: 042390.P8764.			
	75	TINKU ACHARYA, "Techniques to Implement One-Dimensional Compression," Filed 9/18/2000, Application No.: 09/666,486, pp. 1-18, Atty. Docket No.: 042390.P9921.			
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▼	79	KIM ET AL., "Method of Performing Video Encoding Rate Control," Filed 1/03/2001, Application No.: 09/754,227, pp. 1-28, Atty. Docket No.: 042390.P10264.			

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				Filing Date	9/15/2003
				First Named Inventor	Tinku Acharya
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	42P15466 X
Sheet	6	of	9		

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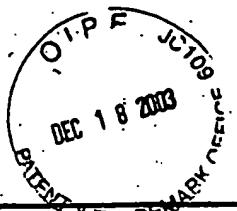
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
/GM/	80	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Motion Estimation," Filed 1/03/2001, Application No.: 09/754,683, pp. 1-27, Atty. Docket No.: 042390.P10265.	
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	90	ACHARYA ET AL., "Method & Apparatus for Coding of Wavelet Transformed Coefficients," Filed 5/29/2001, Application No.: 09/867,781, pp. 1-44, Atty. Docket No.: 042390.P11706.	
	91	ACHARYA ET AL., "Method & Apparatus for Three-Dimensional Wavelet Transform," Filed 5/29/2001, Application No.: 09/867,784, pp. 1-30, Atty. Docket No.: 042390.P11707.	
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▼	93	TINKU ACHARYA, "SAD Computation Architecture," Filed 9/29/2000, Application No.: 09/677,829, pp. 1-24, Atty. Docket No.: 042390.P9823.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

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9

Complete if Known

10/664,023

Filing Date

9/15/2003

First Named Inventor

Tinku Acharya

Art Unit

Not Assigned

Examiner Name

Not Assigned

Attorney Docket Number

42P15466X

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/GM/	94	TINKU ACHARYA, "SAD Computation Architecture," Filed 9/29/2000, Application No.: 09/677,830, pp. 1-27, Atty. Docket No.: 042390.P9824.	
	95	ACHARYA ET AL, "A Method of Generating Huffman Code Length Information," Filed 10/31/2000, Application No.: 09/704,392, pp. 1-25, Atty. Docket No.: 042390.P9804.	
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Examiner  
Signature

/Gregory Madden/

Date

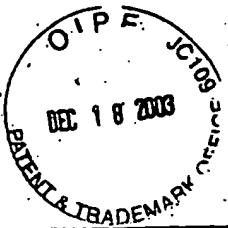
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03/15/2007

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

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of

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### Complete if Known

Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466X

### OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
/GM/	108	ACHARYA ET AL., "Method & Apparatus for Providing a Binary Fingerprint Image," Filed 9/13/2001, Application No.: 09/952,284, pp. 1-26, Atty. Docket No.: 042390.P12797.	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/664,023
		Filing Date	9/15/2003
		First Named Inventor	Tinku Acharya
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
		Attorney Docket Number	42P15466X
Sheet	9	of	9

## OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature	/Gregory Madden/	Date Considered	03/15/2007
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